Initial setting: Established AFO produces waste with potential to produce pollution and a beneficial soil amendment.

1. Structure/site dedicated to composting process (loss of land or plant growth)
2. Compost-handling equipment purchased/dedicated

D.1 (+) Infrastructure and operational costs
D.2 (+) Compost

I.1 (+) Product marketed
I.2 (+) Agribusiness
I.3 (-) Manure-associated odors
I.4 (-) Nutrients and organics to ground and surface water
I.5 (-) Noxious algal growth
I.6 (+) Dissolved oxygen in surface waters
I.7 (-) Pathogens to ground & surface water
I.8 (+) Meeting water quality standards
I.9 (+) On-farm usage

C.1 (+) Community acceptance of AFOs
C.2 (+) Stream fauna, e.g., fish, invertebrates
C.3 (+) Aquatic health for humans, domestic and wild
C.4 (+/-) Income stability (individuals and community)

Notes:
Effects are qualified with a plus (+) or minus (-). These symbols indicate only an increase (+) or a decrease (-) in the effect upon the resource, not whether the effect is beneficial or adverse.